

RS F10 INIT8 LD LMZF**Weidmüller Interface GmbH & Co. KG**

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Passive RS F40 or RS F10 interface elements for 32 or 8 signals: these enable an efficient connection of peripherals (sensors and actuators) to the input/output modules of the PLC using pre-assembled cables.

The main characteristics are:

- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- 1-, 2- or 3-wire technology.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

General ordering data

Type	RS F10 INIT8 LD LMZF
Order No.	8428890000
Version	3-wire, Tension clamp connection
GTIN (EAN)	4008190032005
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	54 mm	Width	87 mm
Height	73 mm	Net weight	77.2 g

Temperatures

Operating temperature	0...+55°C	Storage temperature	-40...+70 °C
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General data

LED status display per channel	yellow	Fuse per channel	No
LED status of the supply voltage	green	Power supply fuse	No

Connection data

Connection on control side	Connector according IEC60603-13/DIN41651	Number of poles (control side)	10-pole
Connection (field side)	LMNZF 5.08mm	Connection supply	LMNZF 5.08mm
Wiring system	3-wire		

Ratings data

Max. current per channel	1 A
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Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	≤ 50 V DC
Surge voltage category	III	Pollution severity level	2
Insulation test voltage	0.35 kVAC		

Connection field

Type of connection	Tension clamp connection	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Sleeve with plastic collar, max.	2.5 mm ²	Min. wire cross-section, AWG [field]	AWG 26
Max. wire cross-section, AWG [field]	AWG 14	Stripping length	7 mm

Supply connection

Type of connection	Tension clamp connection	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 14
Stripping length	7 mm		

Classifications

ETIM 3.0	EC001419	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-04	eClass 6.2	27-24-22-04
eClass 7.1	27-24-22-04		

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

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Drawings

